Inventor: SASAKI et al.
Docket No.: 10873.1623USWO
Title: METHOD FOR PRODUCING GROUP-III-ELEMENT NITRIDE SINGLE CRYSTAL
AND GROUP-III-ELEMENT NITRIDE TRANSPARENT SINGLE CRYSTAL PREPARED
THEREBY

Attorney Name: Douglas P. Mueller Phone No.: 612.371.5237 Sheet 1 of 16

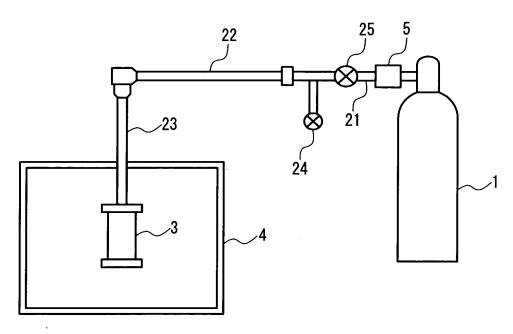


FIG. 1A

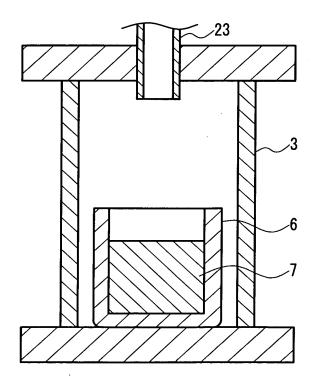
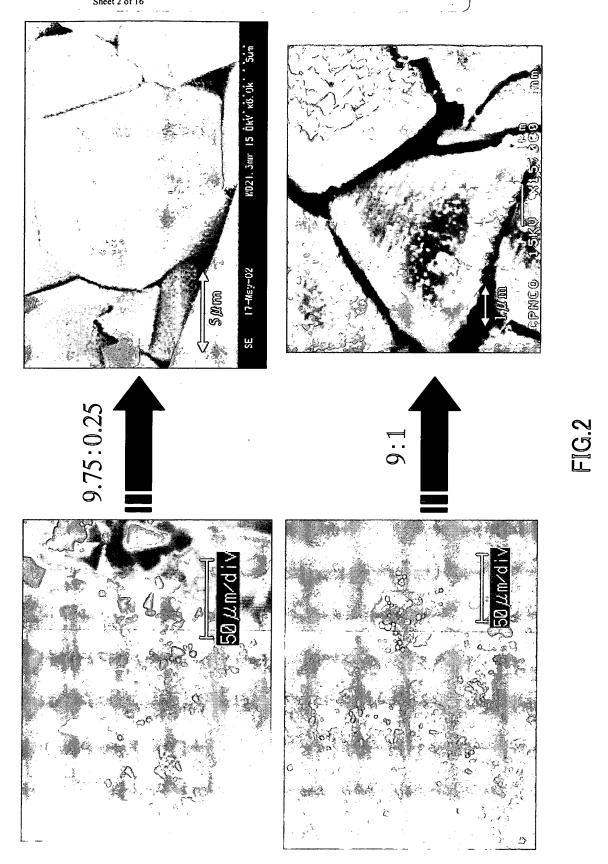


FIG. 1B

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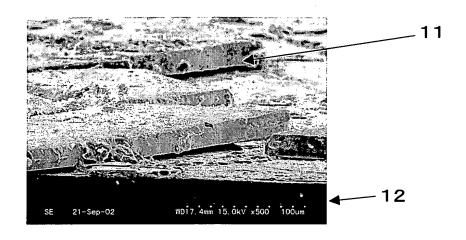


FIG.3A

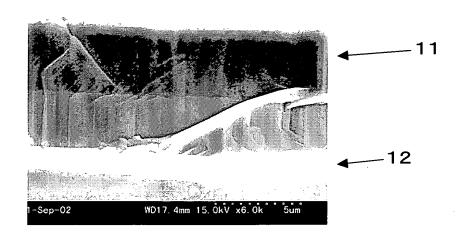


FIG.3B

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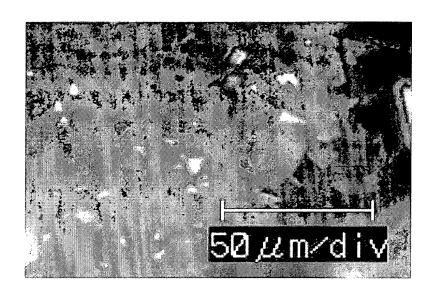
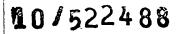


FIG.4

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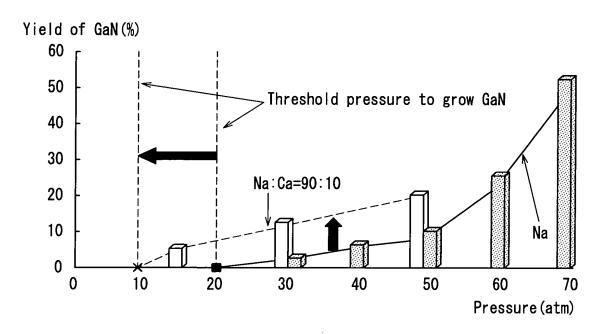


FIG. 5

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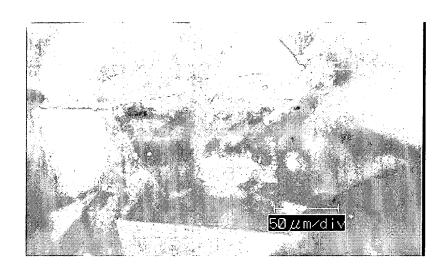


FIG.6

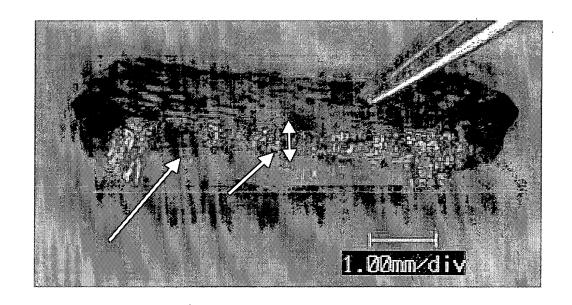


FIG.7

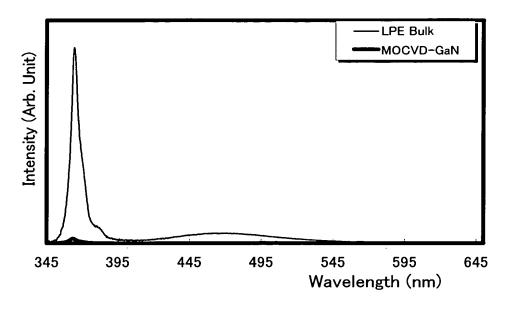


FIG.8

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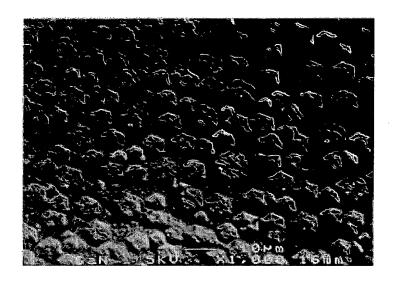


FIG.9A

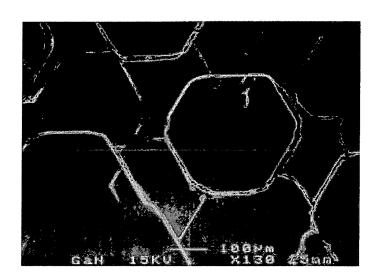


FIG.9B

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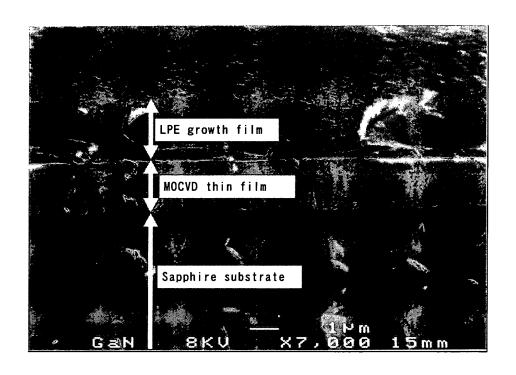


FIG.10

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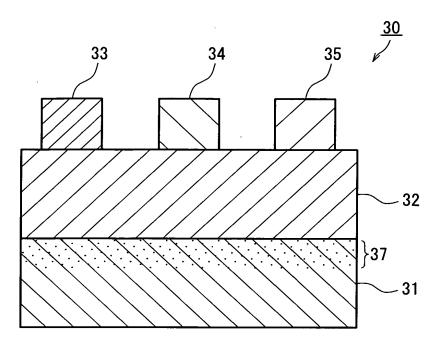


FIG. 11

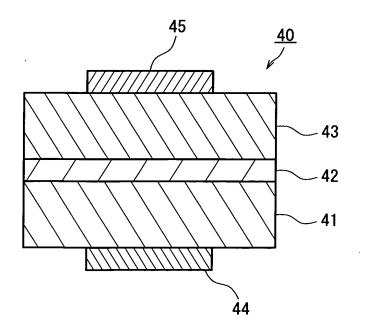


FIG. 12

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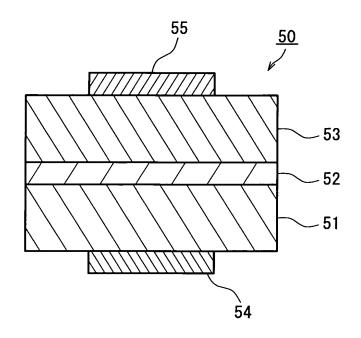


FIG. 13

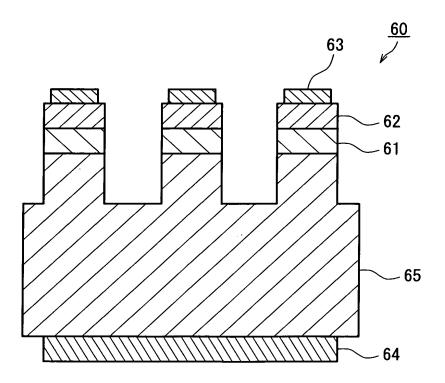
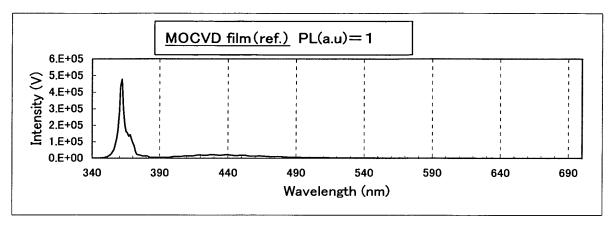
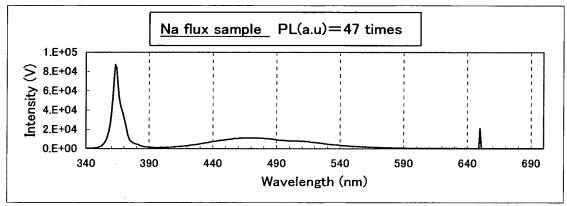


FIG. 14

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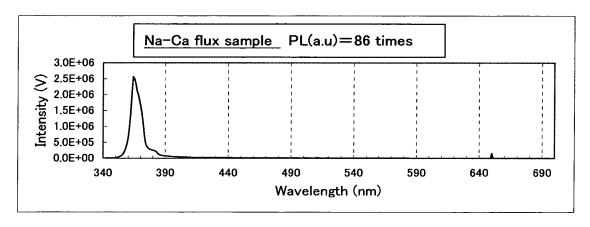


FIG.15

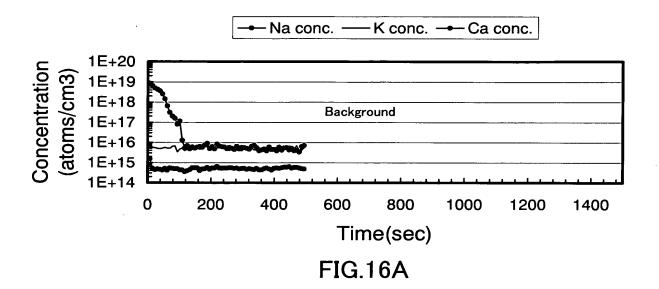
10/522488

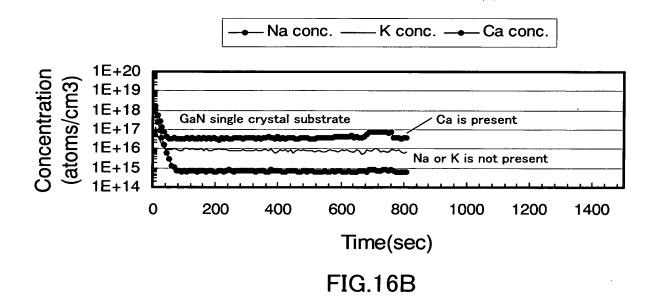
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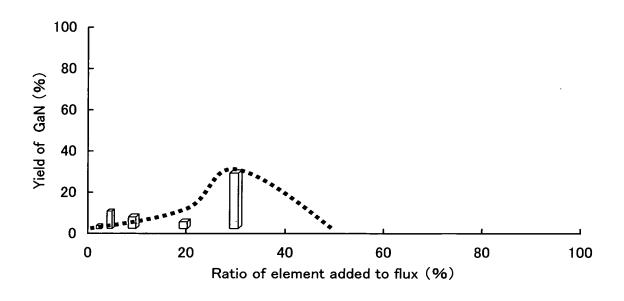


FIG.17

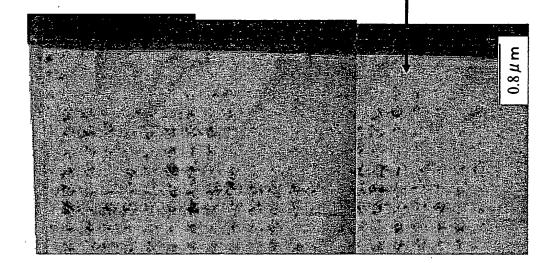
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Interface between MO-GaN and NF-GaN predicted from growth rate





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